

Abstract of the Disclosure

An image contrast agent for creating an image of a portion of a body is disclosed. The contrast agent can provide contrast for two different types of imaging techniques, such as x-ray imaging and magnetic resonance imaging. The contrast agent includes an endohedral metallofullerene compound with an atom encapsulated in the fullerene cage for imaging based on one type of technique, and a second atom encapsulated in the fullerene cage for imaging based on a second type of technique. Alternatively, the contrast agent may include a first endohedral metallofullerene compound having a one type of contrast imaging characteristics, and a second endohedral metallofullerene compound having a second type of contrast imaging characteristics.